



TENNESSEE DEPARTMENT OF
EDUCATION
DIVISION OF CAREER AND TECHNICAL EDUCATION

Resource List – Information Technology

Resource	Author / Publisher	Location	Notes
Certified Data Cabling Installer (DCI) Competency Requirements	Electronics Technicians Association (ETA)	http://www.eta-i.org/Comps/DCIC%20Comps.pdf	Industry requirements for certified data cabling installers.
American National Standards Institute (ANSI)	American National Standards Institute	http://ansi.org/	Oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector.
Telecommunications Industry Association Standards (TIA)	Telecommunications Industry Association	http://www.tiaonline.org/	Leading trade association representing the global information and communication technology industry. Provides resources such as standards development, policy initiatives, and market intelligence.
Electronics Industry Alliance (EIA)	Electronic Components Industry Association (ECIA)	http://www.eciaonline.org/default.aspx	Provides industry standards and guidelines, market reports, statistical information, publications, and a digital library of technical papers.

National Electrical Code (NEC)	National Fire Protection Association	http://www.nfpa.org/codes-and-standards/document-information-pages?mode=code&code=70	This resource provides standards, articles and reports. NEC is the benchmark for safe electrical design, installation, and inspection to protect people and property from electrical hazards.
Underwriters Laboratories (UL) Requirements		http://www.ul.com/global/eng/pages/solutions/standards/	Provides standards catalog, as well as an explanation of the standards, the process to develop the standards, and a glossary of terms.
Code.org	Code.org	http://www.code.org/	A non-profit foundation dedicated to growing computer science education. The web site provides resources such free tutorials, apps, free curriculum, information for starting a Code Academy coding club.
Computer Science Teachers Association	Association for Computer Machinery	http://csta.acm.org	Provides curriculum, professional development, computer science education research, and teaching resources.
Computer Science Unplugged	American Hospital Association	http://csunplugged.com/	A collection of free learning activities that teach computer science through games and puzzles. Also provides multiple lists of resources (books, videos, and curriculum) for teachers.
Exploring Computer Science	Exploring Computer Science	http://www.exploringcs.org/	Provides computer science curriculum, teaching resources, student resources, research, and publications.

**Khan Academy –
Computer
Programming**

Khan Academy

<http://www.khanacademy.org/cs>

Teaches fundamentals of computer programming. A platform for students to learn programming, write programs, and share programs with others.